

FIG. 1.

FIG. 2.

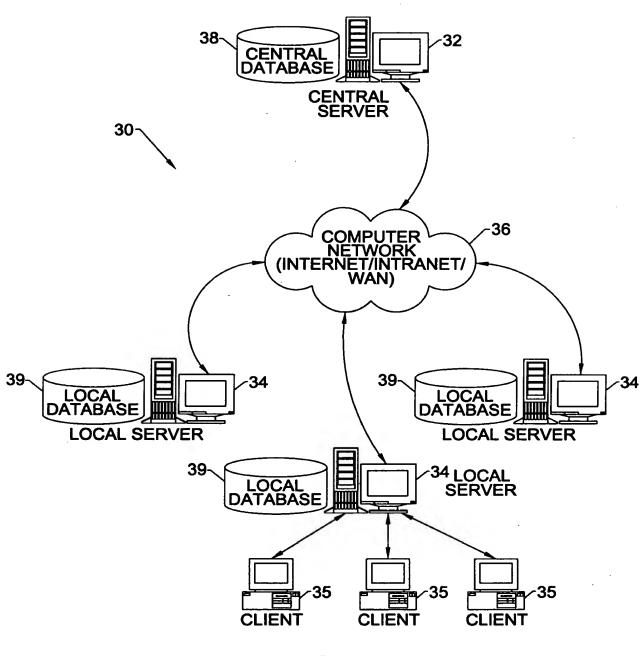
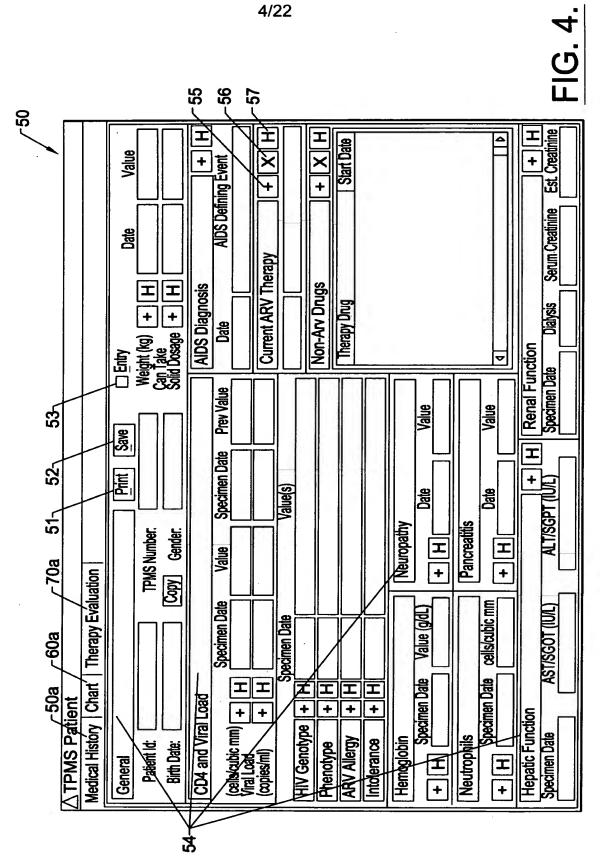
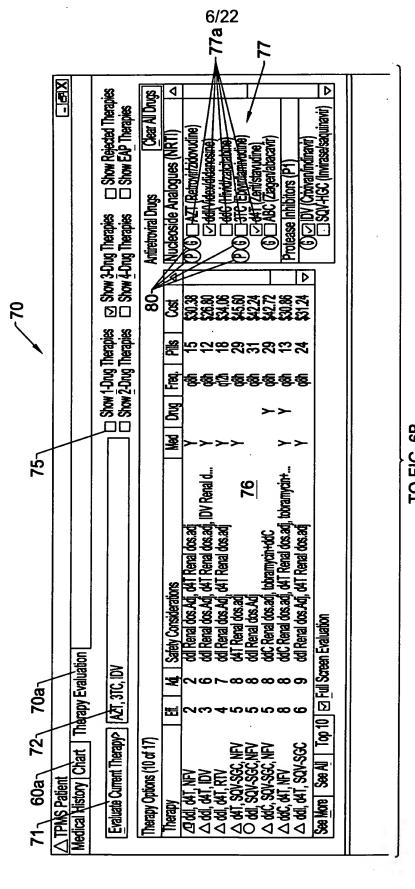


FIG. 3.





TO FIG. 6B.

D ٥ < Use as Current Therapy Resistance advisory: IDV: According to the last genotype data entered, the patient's virus currently has the following secondary mutation(s), (L101[P], 154V[P], and
IB4V[P]) which islane associated with resistance to IDV. These mutations alone are not enough to preclude the use of IDV but they do indicate a tend in this direction.
 IDV is still an option but ongoing IDV use may result in a more rapid emergence of complete resistance. The Adjusted Score of IDV has been lowered by +3. • d4T: Resistance Advisory: Cross Resistance: The patient has at least one previous exposure to AZT that was greater than one year in duration. Previous AZT exposure 8 can lessen the antiRetroviral effect of d4T due to cross resistance. Therapies containing d4T have been ranked lower in their AdjustedScore by +3.

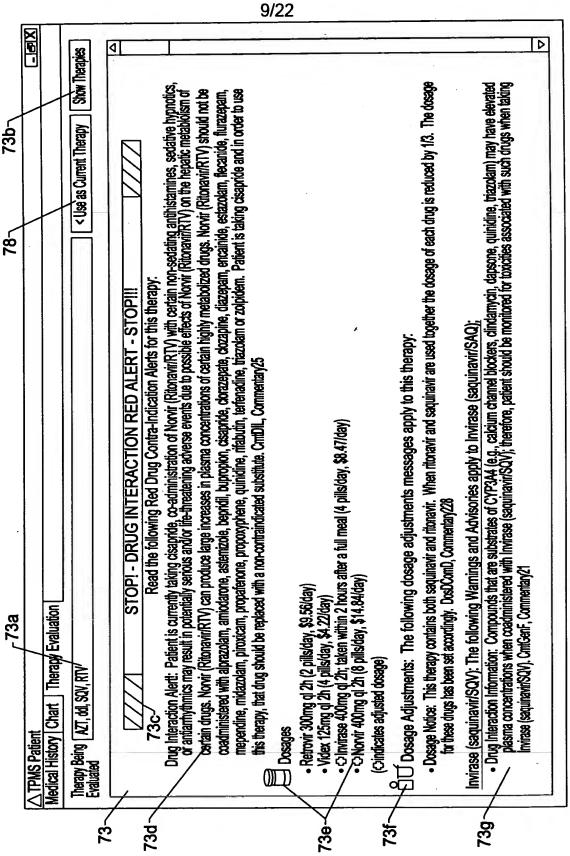
FitRank8, Commentary 259 <u>ş</u>e 区区区 8 级 级 <del>Q</del> Videx 125mg q 12h (4 pills/day, \$4.22/day)
 -Czerit 15mg q 12h (2 pills/day, \$7.58/day)
 Crixivan 800 mg q 8h (6 pills/day, \$15.00/day) <del>(</del> 8<sub>6</sub> Warning - Resistance Notices Recommended Dosages (<> indicates adjusted dosage) **(** Therapy Being ddl, d4T, IDV Evaluated ST SMGL

FROM FIG. 6A.

FIG. 6B.

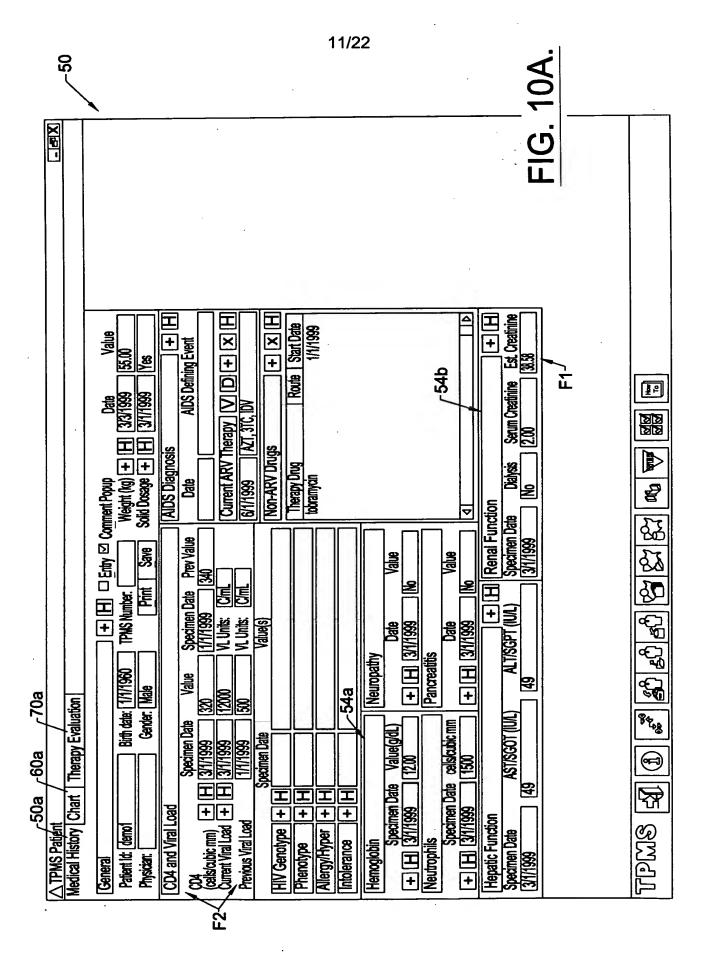
| lcon    | Meaning  |
|---------|--|
| 0       | Indicates that there were no critical alerts for the therapy, however, general warnings and advisories should be read in the Therapy Details box.  |
| Ø       | Indicates that there were no critical alerts for the therapy, however, general warnings and advisories should be read in the Therapy Details box. The book indicates that therapy has been studied and a reference is available to review.   |
| ◁       | Indicates a yellow alert. There is important information about this therapy that must be reviewed.   |
| Ū       | Indicates a yellow alert. There is important information about this therapy that must be reviewed. The book indicates that therapy has been studied and a reference is available to review.  |
| <b></b> | Indicates a red alert, which means critical and possible life-<br>threatening situation may exist or may be created with this<br>therapy. Information in the Therapy Details section must<br>be read for this therapy to be considered.  |
| · ·     | Indicates a red alert, which means critical and possible life-<br>threatening situation may exist or may be created with this<br>therapy. Information in the Therapy Details section must be<br>read for this thereapy to be considered. The book indicates<br>that therapy has been studied and a reference is available to review. |
| ×       | Indicates the therapy is not recommended.  |

FIG. 7.

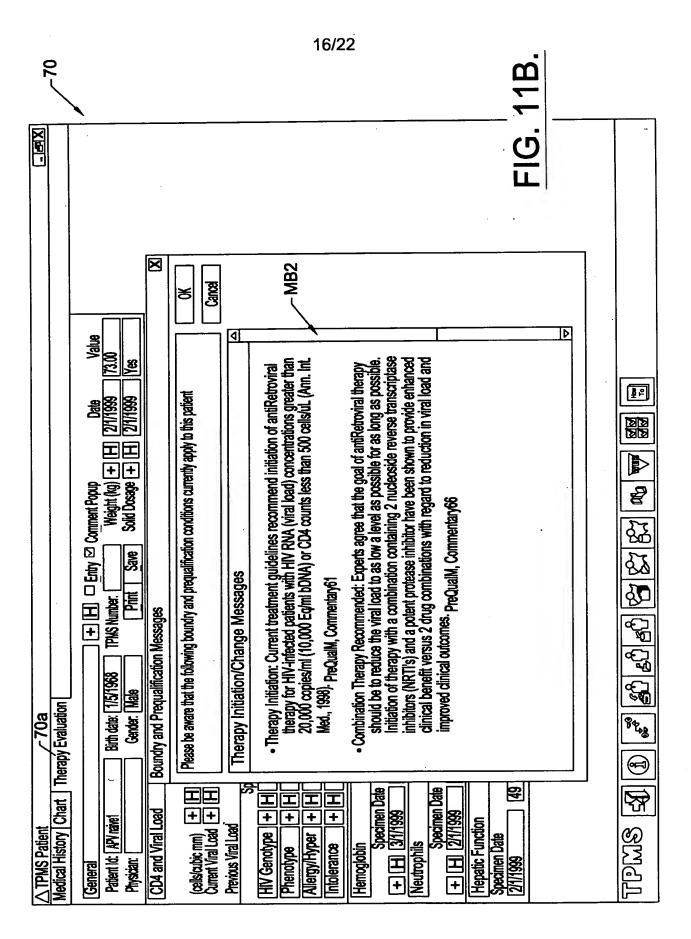


|                         | <b>-70</b>        | <b>/</b> -76  | ٠         | ×      |
|-------------------------|-------------------|---------------|-----------|--------|
| Therapy Opti            | ons               |               |           |        |
| Therapy                 |                   | Eff.          | Adj.      | Safety |
| <b>44T, 3T</b>          | C, IDV            | 1             | 1         |        |
| ① AZT, 31               | C, IDV            | 1             | 1         |        |
| ◯ d4T, 3T               | C, NFV            | 1             | 1         |        |
| (DAZT, P                | TO NOV            | 1             | 1         |        |
|                         | Show Abstract f   | or Retrovir   |           |        |
| (D AZT,                 | Show Abstract f   | or Epivir     |           |        |
| ( ddl, d                | Show Abstract f   | or Viracept   | 7         |        |
| (J. dd., d<br>() d4T, 1 | Show Therapy S    | Study         |           |        |
| O d4T, \$               | Print Details for | AZT, 3TC, N   | FV        |        |
|                         | Print Top 10 The  | erapy Option  | Details   |        |
| Therapy B               | Hide Column "E    | ff."          |           |        |
| Evaluated               | Hide Column "A    | .dj."         |           |        |
| General                 | Hide Column "S    | afety Conside | erations" |        |
| Contoral                | Show Column "I    | Med"          |           |        |
| • Vi                    | Show Column "     | Drug"         |           |        |
| "                       | Hide Column "F    | req."         |           |        |
|                         | Hide Column "P    | 'ills"        |           |        |
|                         | Hide Column "C    | ost"          |           |        |
| • M L                   |                   |               |           |        |

FIG. 9.



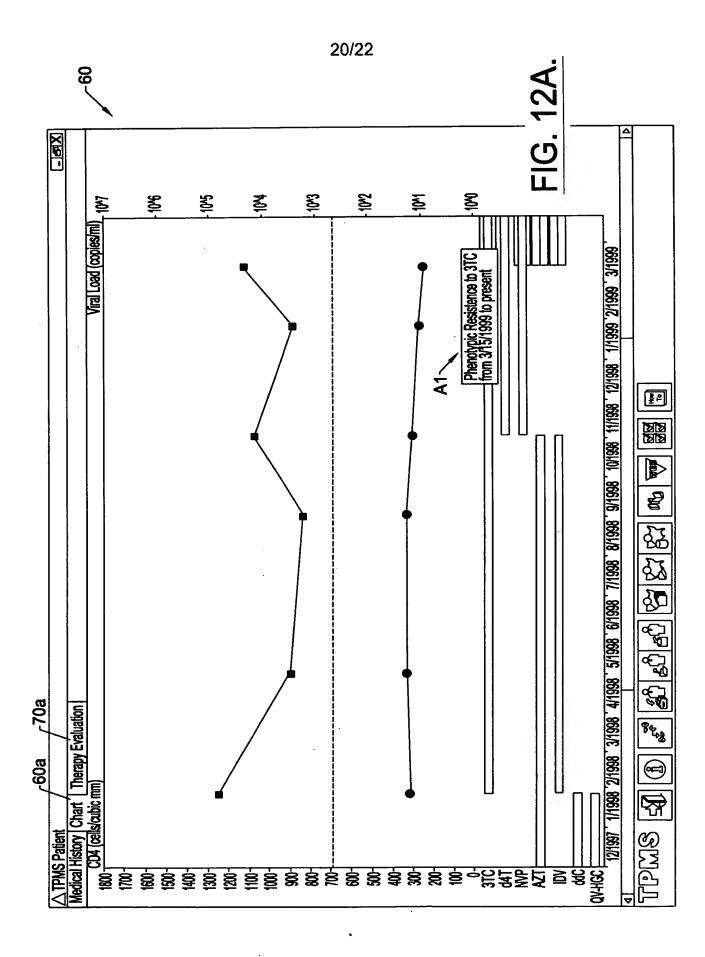
|   | 14/22  | FIG. 10D.  |
|---|--|--|
| A TPMS Patient         Medical History   Chart   Therapy Evaluation         (+) [H] □ Entry ☑ Comment Popup Date Value           General Patient Id:   Genot   Birth date:   7/1/1960   TPMS Number:   Phint   Save Solid Dosage   H    3/1/1999   1/85 | CD4 and Viral Load       Boundry and Prequalification Messages       IX         Calistothic mm)       + H         Current Viral Load       Therapy Initiation/Change Messages         Previous Viral Load       Therapy Initiation/Change Messages         Flencype       + H         Allergy/IN/ppe       + H         Allergy/IN/ppe       + H         Allergy/IN/ppe       + H         Hemoglobin       No Baseline Viral Load Value: Please specify which viral load value for this patient.         Allergy/IN/pg       + H         Hemoglobin       No Baseline Viral Load Value: Please specify which viral load value for this patient.         Bounds/Y, Commentary#11a     Annual Load  Annua | +1日 3/1/999         Hepatic Function         Specimen Date         3/1/999       49         TPMS 到 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 图 |



| △ TPMS Patient<br>Medical History   Chart  |  |  |  | X P   |      |
|--|--|--|--|---|------|
| Evaluate Current Therapy   None  | ☐ Show 1-Drug Therapies<br>☐ Show 2-Drug Therapies   | g Therapies<br>g Therapies                           | Show 3-Drug Therapies Show 4-Drug Therapies  | ☐ Show Rejected Therapies ☐ Show EAP Therapies  |      |
| Therapy Options (10 of 613) Therapy Therapy  | Frage  | 35   | Antiretroviral Drugs   | Intretroviral Drugs Clear All Drugs Nucleoside Analoques (NRTI)   |      |
| AL 3TC, SQV-SGC 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | -  |  | AZT (Retrovirtzional de la Constitución de la Const | AZT (Retrovirtzioovućine) odd (Vićevididanosine) odd (Finidzalotabine) 3TC (Epivirlamivudine) od T (Zartistavudine) ABC (Zagerjabacavir) e Inhibitors (P1) IDV (Crovanfindinavir) SOV-HGC (Imiraselsaoujinavir) |      |
| See More   See All   Top 10   EZ Full Screen Evaluation Therapy Being   None   Full Screen Evaluated   None   See All   Top 10   Evaluated   See All   Evaluated   E |  |  | 88   | SQV-SGC (Forovaselsaquinavir) = <a href="#">CUSE as Current Therapy</a>   |      |
| General Messages  • WARNING::Before initiating any antiRetroviral treatment regimen, the complete product information for each therapeutic component should be consulted.  | rmation for eac  | h therapeuti   | c component should be cons   | √ W1  |      |
| Univerit, vormenalys)  • Viral Load Testing Required: Viral load testing should be repeated 21-35 days after initiation of, or a change of, antiRetroviral therapy to evaluate therapeutic efficacy and patient compliance. CmtGenY, Commentary65  | n of, or a chang   | e of, antiRet  | roviral therapy to evaluate th   | — A1<br>erapeutic efficacy  |      |
| Therapy Initiation/Change Messages  Therapy Initiation: Current treatment guidelines recommend initiation of antiRetoviral therapy for HIV-infected patients with HIV RNA (viral load) concentrations  | apy for HIV-infe   | cted patient   | s with HIV RNA (viral load)  | $^{-$ A2 $^{-}$ moentations FIG.  | <br> |
| greater than 20,000 copies/mil (10,000 Eqmi bulva) or CL4 counts less than 500 cells/ull. (Arm.Int.Med., 1998). PreQualM, Commentary61  • Combination Therapy Recommended: Experts agree that the goal of antiRetroviral therapy should be to reduce the viral toad to as low a level as possible for as long as possible. Initiation of therapy with a combination containing 2 nucleoside reverse transcriptase inhibitors (NRTI's) and a potent protease inhibitor have been shown to provide enhanced clinical benefit versus 2 drug combinations with regard to reduction in viral load and improved clinical outcomes. PreQualM. Commentary66  | eer, "san introduced" in the control of the control | 8)-PreQually uce the viral NRTI's) and a clinical ou | M, Commentary61 load to as low a level as pos a potent protease inhibitor hatcomes. PreQualM. Commer   | — A3<br>sible for as long as<br>ve been shown to<br>tany66  |      |
| TPMS 4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   |  | 12 12 12 12 12 12 12 12 12 12 12 12 12 1             |  |   | *    |

| ā                                 | व्या               | [8]   | FIG. 11D                  |   |   |  |  |   |   | [D]  |   |
|-----------------------------------|--------------------|---|---------------------------|---|---|--|--|---|---|--|---|
| <sub>7</sub> 60a <sub>7</sub> 70a | △ TPMS Patient / / | Therapy Being AZT, ddl, RTV, DLV Show Therapies Evaluated | Recommended Dosages  PIG. | Videx 200mg q 12h (4 pills/day, \$6.78/day)  Norvir 600 mg q 12h (12 pills/day, \$7.26/day)  Rescriptor 400mg q 8h (12 pills/day, \$7.39/day) | Warnings and Side Effects   AT: Internut Retrovinuse if anemia and/or neutropenia develops. More Info 036 page 200. | <ul> <li>ddl: When treatment with other drugs known to cause pancreatic toxicity is required (for example, IV pentamidine), suspension of Videx should be considered.</li> </ul> | <ul> <li>ddl: If patients develop symptoms of neuropathy, Videx therapy should be interrupted. DosGenB, Commentary40</li> <li>ddl: Clinical signs suggestive of pancreatitis should prompt dose suspension of Videx and careful evaluation of the possibility of pancreatitis. Only after pancreatitis has been ruled out should dosing be resumed. DosGenB, Commentary39</li> </ul> | DLV: Skin rash attributable to Rescriptor may occur during first 21 days. More Info 054 CmtGenS, Commentary54  Drug Interaction Information | <ul> <li>ddl: Videx should not be administered with a prescription antibiotic containing any form of tetracycline. CmtGenA, Commentary15</li> <li>ddl: Plasma concentrations of some quinclone antibiotics are decreased when administered with antacids containing magnesium or aluminum. Therefore, doses of quinclone antibiotics should not be administered within 2 hours of taking Videx. Commentaries</li> </ul> | drugs that increase CYP3A activity (including tobacco). More | 17PMS 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |

| ☐ Show 1-Drug Therapies ☐ Show 3-Drug Therapies ☐ Show Rejected Therapies ☐ Show 2-Drug Therapies | Fraq   File   Cost   Autherboxide Araboques (NRTI)   Place   Cost   Autherboxide Araboques (NRTI)   Cost   Autherboxide Araboques (NRTI)   Cost   Autherboxide Araboques (NRTI)   Cost  |  |
|---|---|--|
| Evaluate Current Therapy   None   | Show Abstract for Retrovir<br>Show Abstract for Popura<br>Show Abstract for Popura<br>Show Abstract for Fortowase<br>Show Therapy Study<br>Print Top 10 Therapy Option Details<br>Print All Therapy Option Summaries<br>Print All Therapy Option Summaries<br>Print Top 10 Therapy Option Summaries<br>Print Top 10 Therapy Option Summaries<br>Hide Column "Red"<br>Hide Column "Red"<br>Show Column "Red"<br>Show Column "Red"<br>Hide Column "Red"<br>Show Column "Cost"<br>Hide Column "Med"<br>Show Column "Cost"<br>Hide Column "Med"<br>Show Column "Cost"<br>Hide Column "Cost" |  |



| Evaluate Current Therapy 3TC, 44T, NVP Show 3-Drug Therapies Show 4-Drug Therapies Show |
|---|
| Ditions (10 of 98) Antiretroviral Drugs Clear All Drug  |
| Dir.   Aug.   Salesy Considerations   Fired.    |
| A def. NPV   EV   5   Ritabutin+NFV   76   d8h   14   \$40.24   11   □ 0.0    |
| Top 10 Icz Full Screen Evaluation   Prote   |
| Therapy Being 3TC, ddT, NVP Ceaucht Therapy   |
| This therapy was rejected for the following reason(s) Additional information about the therapy is provided but this therapy is NOT advisable  |
| <ul> <li>Viramune (nevirapine/NVP) Resistance Advisory: According to the last genotype data entered, the patient's virus currently has mutation(s) which is/are associated</li> <li>With resistance to Viramune. FiltMutE, Rejection54</li> </ul>   |
| <ul> <li>Resistance Advisory: According to the last genotype data entered, the patient's virus currently has the following mutations; M184V [RT]. the genotype test displays evidence of the M184V/M184I mutation which is associated with resistance to 3TC. However, this mutant has increased sensitivity to the antiRetroviral activity of AZT and ADV so an AZT/3TC or AZT/ADV combination is still useable. Therefore combinations with no resistant mutants. FiltMutB, Rejection51</li> </ul>  |
| <ul> <li>Epivir and Viramune Resistance Advisory: The patient's last phenotypic assay demonstrates phenotypic resistance to Epivir and Viramune, therefore, therapies</li> <li>EIG.</li> </ul>  |
| CAUTION YELLOW ALERT CAUTION //// W3  |
| • NVP. Drug Interaction Alert. Patient is currently taking rifabutin and there is insufficient data to assess whether dose adjustments are necessary. These drugs   |
| 7PMS 4 (1) (2) (2) (2) (3) (3) (3) (3) (4) (4) (4) (5) (4) (5) (5) (6) (6) (7) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7   |

